

ODE1: Modeling & Uncertainty Quantification-- Differential Equations and Modeling: from Deterministic to Uncertainty Quantification

Tuesday (07/07) 10:00-11:40

10:00. Eduardo Souza de Cursi. "Uncertainty Quantification for Differential Equations".

10:25. Hugo de la Cruz. "A Positivity-Preserving Integrator for General Stochastic Differential Equation Models"

10:50. Francisco J. Navarro-González. "A forward algorithm for the numerical estimation of k -moments for solutions to differential equations with one random parameter: Convergence and error analysis".

11:15. Almudena Sánchez. "Comparative Analysis of the 2016–2017 Influenza Season in the Valencian Community (Spain) and South Korea via SLIR Model Calibration".

Thursday (09/07) 10:00-11:40

10:00. José Valero. "On the Kneser property for the three-dimensional Navier-Stokes equations with damping".

10:25. Rafael Villanueva. "Assessing RSV Immunoprophylaxis Strategies in the Valencian Community: A Simulation-Based Comparison".